

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA1358SO

This certificate issued to

GKN Aerospace Transparency Systems
Fort Worth
3220 South Grove Street
Fort Worth, TX 76110

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Regulations.

Original Product -- Type Certificate Number: H1NE
Make: Sikorsky
Model: S-76A, B, C

Description of Type Design Change:

- A. Installation of ACT, Inc. FPTFW0000 High Strength Fuel Cells in accordance with Westland Technologies, Inc./FPT Master Record Index WT/MRI/123, Issue 16, dated August 1986 and FPT, Inc. Manual FPR/MAN/870, Issue 8, dated July 1983.
- B. Installation of ACT, Inc. FPTFW00001 High Strength Self Sealing Fuel Cells in accordance with Westland Technologies, Inc./FPT Mast Record Index WT/MRI/123, Issue 16 dated August 1986 and FPT, Inc. Manual FPT/MAN/870, Issue 8, dated July 1983.
- C. Installation of ACT, Inc. FPTFW00003, Issue 3, dated May 5, 2004, High Strength Self Sealing Fuel Cells with interfaces for left side single point refueling and auxiliary tank 14-54 (at station 241.0) in accordance with FPT Industries Document Number T2092/MP/3092, Issue 2, dated 6 May 2003.

(See continuation sheet 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : March 12, 1981

Date of issuance : March 09, 1982

Date reissued : May 8, 2002;
December 24, 2003;
May 05, 2004

Date amended : September 29, 2003



By direction of the Administrator

Original signed by: Jennifer L. Kuehn

(Signature)
Carl F. Mittag, Manager
Rotorcraft Certification Office,
Southwest Region

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(Continuation Sheet)

Number SA1358SO

Date of Issuance: March 09, 1982

Re-issuance Date: May 5, 2004

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Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. FAA Approved Rotorcraft Flight Manual Supplement is required with this installation as follows: Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

- A. FPTFW00001 is limited to the Sikorsky S-76A and S-76B models and requires RFM FPT/MAN/899 dated August 9, 1983, for the Sikorsky S-76A Model and RFM FPT/Man1007 dated September 2, 1986, for the Sikorsky S-76B Model.
- B. FPTFW00002 is limited to the S-76A and S-76B Model and requires RFM FPT/MAN/934 dated September 22, 1983, for the Sikorsky S-76A Model and RFM FPT/MAN/1007 dated September 2, 1986 for the Sikorsky S-76B Model.
- C. FPTFW00003 requires RFM FPT/MAN/2049 dated October 2, 2003, for the Sikorsky S-76A, B, and C models. Aircraft must be equipped with:
 - Single point refueling (L/H side) per Sikorsky Type Certificate Approve Option Installation Drawing 76088-300006.
 - Auxiliary fuel tank 14-54 with auxiliary float valve at station 241.0 installed in accordance with Sikorsky Drawing 33776-61013 or 33776-61385.

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